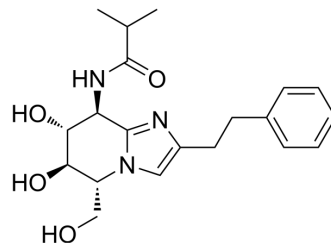


GlcNAcstatin

Cat. No.:	HY-108246
CAS No.:	922163-64-2
Molecular Formula:	C ₂₀ H ₂₇ N ₃ O ₄
Molecular Weight:	373.45
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GlcNAcstatin is a selective glucoimidazole-based bacterial O-GlcNAcase inhibitor with a K_i of 4.6 pM. GlcNAcstatin shows 100000-fold selectivity over HexA/B^[1].

REFERENCES

[1]. Helge C Dorfmueller, et al. GlcNAcstatin: a picomolar, selective O-GlcNAcase inhibitor that modulates intracellular O-glcNAcylation levels. J Am Chem Soc. 2006 Dec 27;128(51):16484-5.

Caution: Product has not been fully validated for medical applications. For research use only.

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